

REQUEST FOR ACCESS TO AN APPLICATION UNDER 37 CFR 1.14(e)

In re Application of _____

Application Number

08/403,844

Filed

9/14/02

Art Unit

Examiner

Paper No. _____

Assistant Commissioner for Patents
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1. ☐ I hereby request access under 37 CFR 1.14(e)(2) to the application file record of the above-identified ABANDONED Application, which is not within the file jacket of a pending Continued Prosecution Application (CPA) (37 CFR 1.53(d)) and is: (CHECK ONE)

☒ (A) referred to in:

United States Patent Application Publication No. _____, page _____, line _____

United States Patent Number ~~6,184,043~~ 6,184,043, column Face, line _____, or

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- ☐ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11(b) or 1.14(e)(2)(i), i.e., Application No. _____, paper No. _____, page _____, line _____

2. ☐ I hereby request access under 37 CFR 1.14(e)(1) to an application in which the applicant has filed an authorization to lay open the complete application to the public.

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(12) **United States Patent**
Fodstad et al.

(10) **Patent No.:** US 6,184,043 B1
(45) **Date of Patent:** Feb. 6, 2001

(54) **METHOD FOR DETECTION OF SPECIFIC TARGET CELLS IN SPECIALIZED OR MIXED CELL POPULATION AND SOLUTIONS CONTAINING MIXED CELL POPULATIONS**

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(*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

(21) Appl. No.: 08/881,393

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Related U.S. Application Data

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(30) Foreign Application Priority Data

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(52) U.S. Cl. 436/526; 435/2; 435/7.1; 435/7.2; 435/7.23; 435/7.24; 435/7.25; 435/7.5; 435/7.8; 435/7.94; 435/40; 435/52; 435/174; 435/181; 435/961; 436/513; 436/518; 436/523; 436/532; 436/534; 436/538; 436/540; 436/824; 436/828

(58) Field of Search 435/2, 7.1, 7.2, 435/7.23, 7.24, 7.25, 7.5, 7.8, 7.94, 40.52, 174, 181, 961; 436/513, 518, 523, 526, 532, 534, 538, 540, 824, 828

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(57)

ABSTRACT

The invention relates to a method for detecting specific target-cells in a simple and time saving way, using paramagnetic particles, antibodies recognizing the Fc portions of target-cell associating antibodies and target-cell associating antibodies directed to specific antigen determinants in the target-cell membranes. Incubation of the cell suspension with a mild detergent and/or second set of antibodies or antibody fragments, prelabeled or not with fluorescent agents, metalcolloids, radioisotopes, biotincomplexes or certain enzymes allowing visualization, with dramatically increase the specificity of the method. The method can further be used for isolation of the target-cells by magnetic field application and kit for performing the method according to the invention is described.

21 Claims, No Drawings